Federal Communications Commission 445 12<sup>th</sup> St., S.W. Washington, D.C. 20554

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## TECHNOLOGICAL ADVISORY COUNCIL ("TAC") TO HOLD MEETING, WEDNESDAY, OCTOBER 25, 2006

The FCC's Technological Advisory Council will hold a meeting on Wednesday, October 25, 2006 at 10:00 a.m. in the Commission Meeting Room, TW-C305 at 445 12th Street S.W., Washington, D.C.

The Council was formed to provide the Commission with technical insights concerning innovations in communications and related industries. The Council is a Federal Advisory Committee and is comprised of a broad array of well-known technologists and chaired by Dr. Robert Lucky. This is the final meeting of the Council under its charter renewed as of November 19, 2004. At this meeting, the Council will discuss the Broadband Access Technologies and Services. The agenda is attached.

Members of the general public may attend to observe the meeting. The Federal Communications Commission will attempt to accommodate as many persons as possible. Admittance, however, will be limited to the seating available. There will be no public oral participation unless requested by the Chair, but the public may submit written comments to Jeffery Goldthorp, the Federal Communications Commission's Designated Federal Officer for the Technological Advisory Council, before the meeting. Mr. Goldthorp's e-mail address is Jeffery.Goldthorp@fcc.gov and Mr. Goldthorp's U.S. Postal Service mail delivery address is Federal Communications Commission, 445 12<sup>th</sup> Street, SW., Room 7-A325, Washington, DC 20554.

Open captioning will be provided for this event. Other reasonable accommodations for people with disabilities are available upon request. Include a description of the accommodation you will need with as much detail as possible. Also include a way we can contact you if we need more information. Make your request as early as possible; please allow at least 5 days advance notice. Last minute requests will be accepted, but may be impossible to fill. Send an e-mail to <a href="fcc504@fcc.gov">fcc504@fcc.gov</a> or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (tty)

## TECHNOLOGICAL ADVISORY COUNCIL IV

Agenda –Fifth Meeting Wednesday, October 25, 2006 Federal Communications Commission Meeting Room The Portals, 445 12th Street, SW Washington, D.C.

10:00 AM -- Opening Julius P. Knapp, FCC

Designated Federal Officer (DFO)

10:05 -- Introductions and

Opening Remarks

Julius P. Knapp, Chief, Office of Engineering and Technology, FCC

Robert Lucky, Chairman, and TAC Members

## Meeting Focus: Broadband Communications Technology Development

| 10:15 – Fiber to the Home Initiatives                        | Brian Whitton<br>Verizon                              |
|--|---|
| 10:35 – CATV Broadband Initiatives                           | Richard Green<br>CableLabs<br>Mark Coblitz<br>Comcast |
| 10:55 – Broadband Over Powerline                             | Jim Mollenkopf<br>Current Technologies                |
| 11:15 – Open Discussion                                      | TAC Members and Speakers                              |
| 11:45 – 12:45 PM   | -Break-   |
| 12:45 – WiMAX and WiBRO                                      | Ted Rappaport<br>Wireless Valley Communications       |
| 1:05 GSM and WiFi Crossover                                  | Fred Baker (or designee)<br>Cisco Systems             |
| 1:25 – Propagation Characteristics – HF<br>Through Microwave | Greg Lapin<br>ARRL                                    |
| 1:45 – Spectrum Observatory                                  | Dennis Roberson<br>Sequoia Communications             |
| 2:05 – Open Discussion                                       | Commission and TAC Members                            |

2:45 – Closing Remarks

*3:00 PM* -- Adjourn

Robert Lucky and Julius Knapp

Julius Knapp, DFO